Amendments to the Specification:

Please replace the paragraph beginning at page 6, line 19, with the following redlined paragraph:

Figure 3 is a diagram of an RFID tag 53 formed in accordance with one embodiment of the present invention. In this embodiment, the interrogator 23 transmits a pseudo-randomly selected radio-frequency signal that is received by the RFID tag antenna 55. The RFID tag antenna 55 is coupled to a ~~receiver~~ demodulator 52, which receives the transmitted radio-frequency signal from the antenna 55 and extracts data contained therein. The ~~receiver~~ demodulator 52 is coupled to a processor 54, which analyzes the data extracted from the radio frequency signal.

Please replace the paragraph beginning at page 7, line 9, with the following redlined paragraph:

The frequency-hopping system of the present invention is well suited for use in conjunction with a multi-frequency communication system and method developed by the applicant, as disclosed in United States Patent Application No. 09/589,000, filed on June 6, 2000, entitled "Multi-Frequency Communication System and Method," Now U.S. Patent No. 6,745,008, which is fully incorporated herein by reference.